

FIG. 1

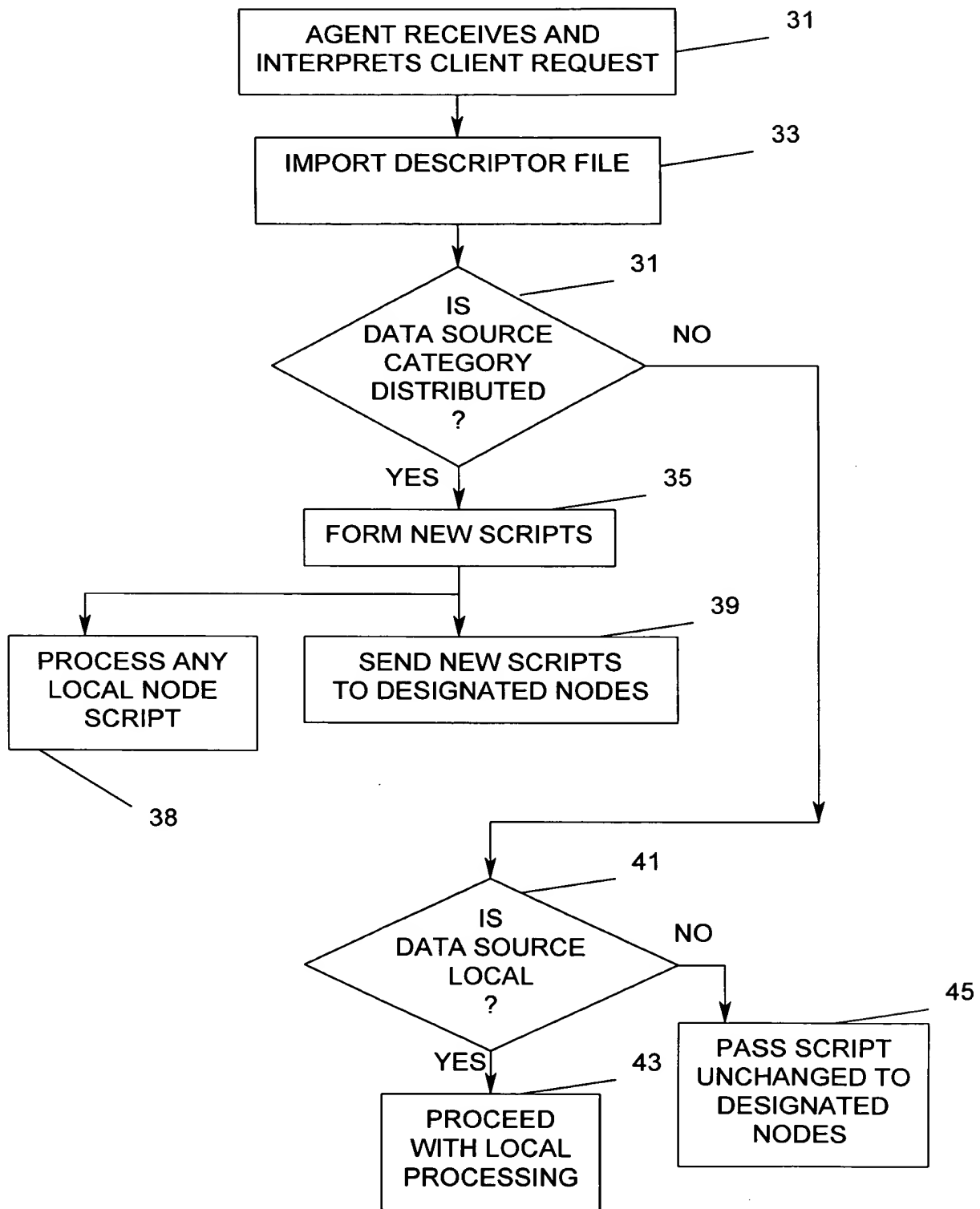
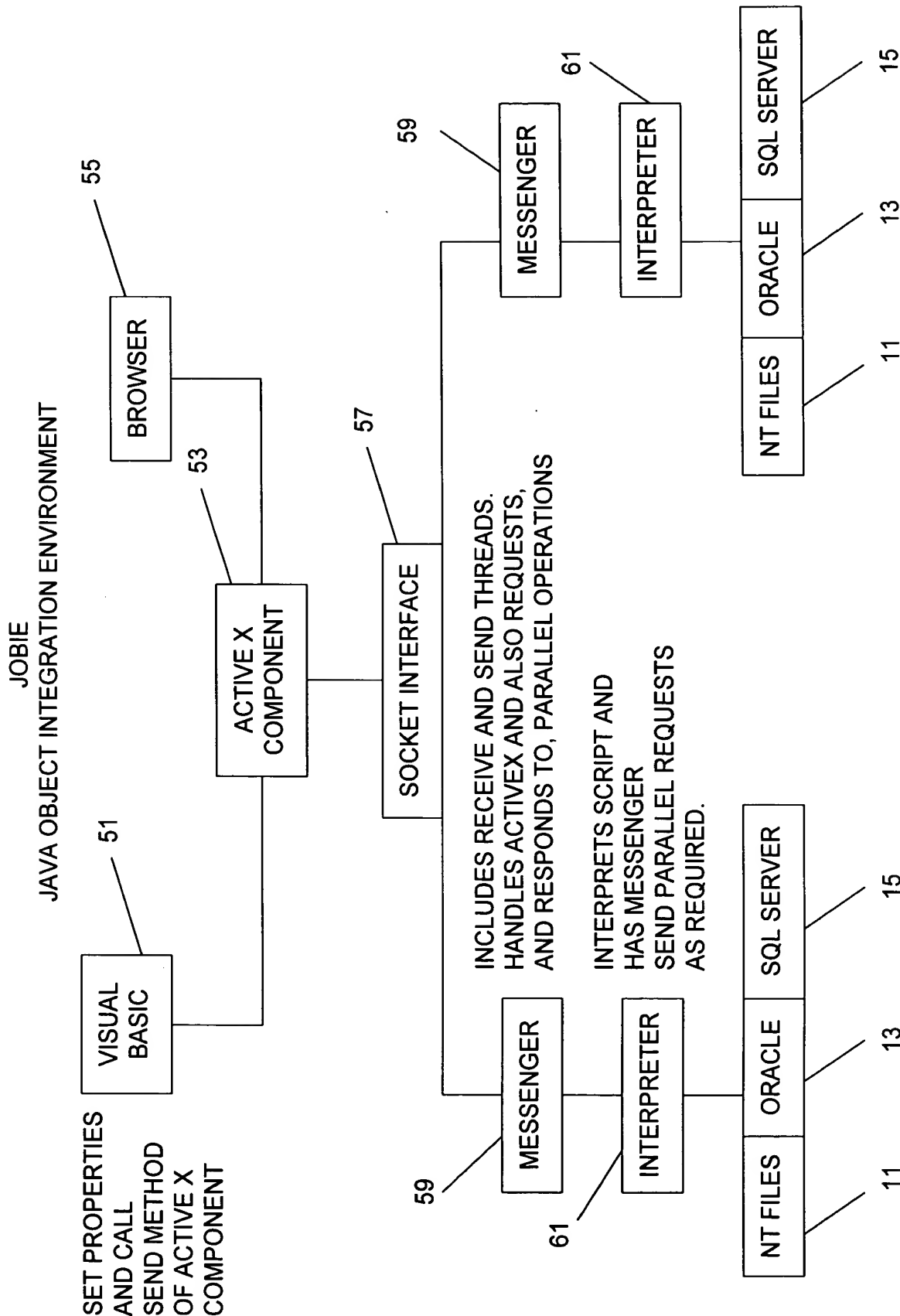


FIG. 2



**FIG. 3**

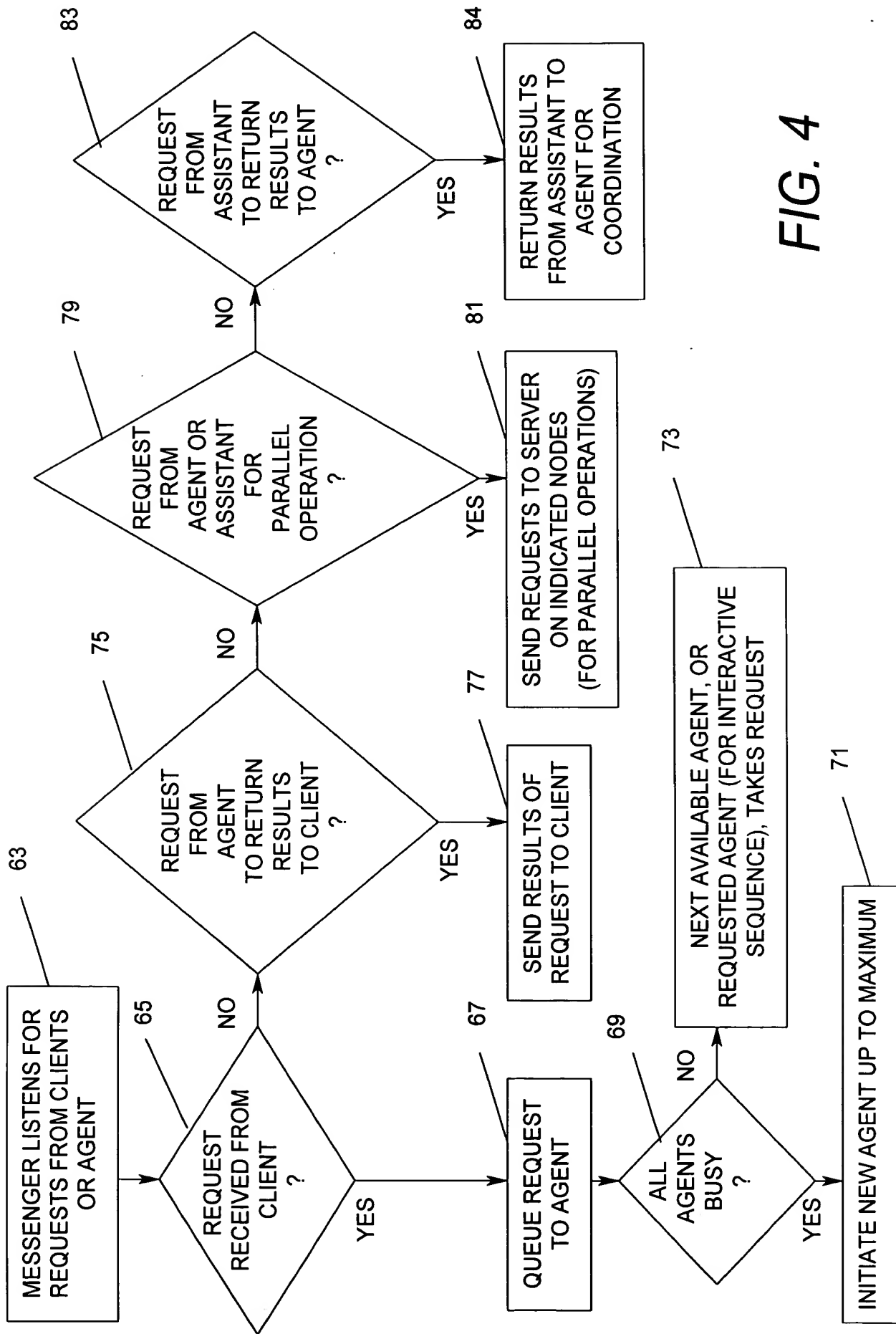


FIG. 4

INHERITANCE DIAGRAM FOR APPARATUS MODEL

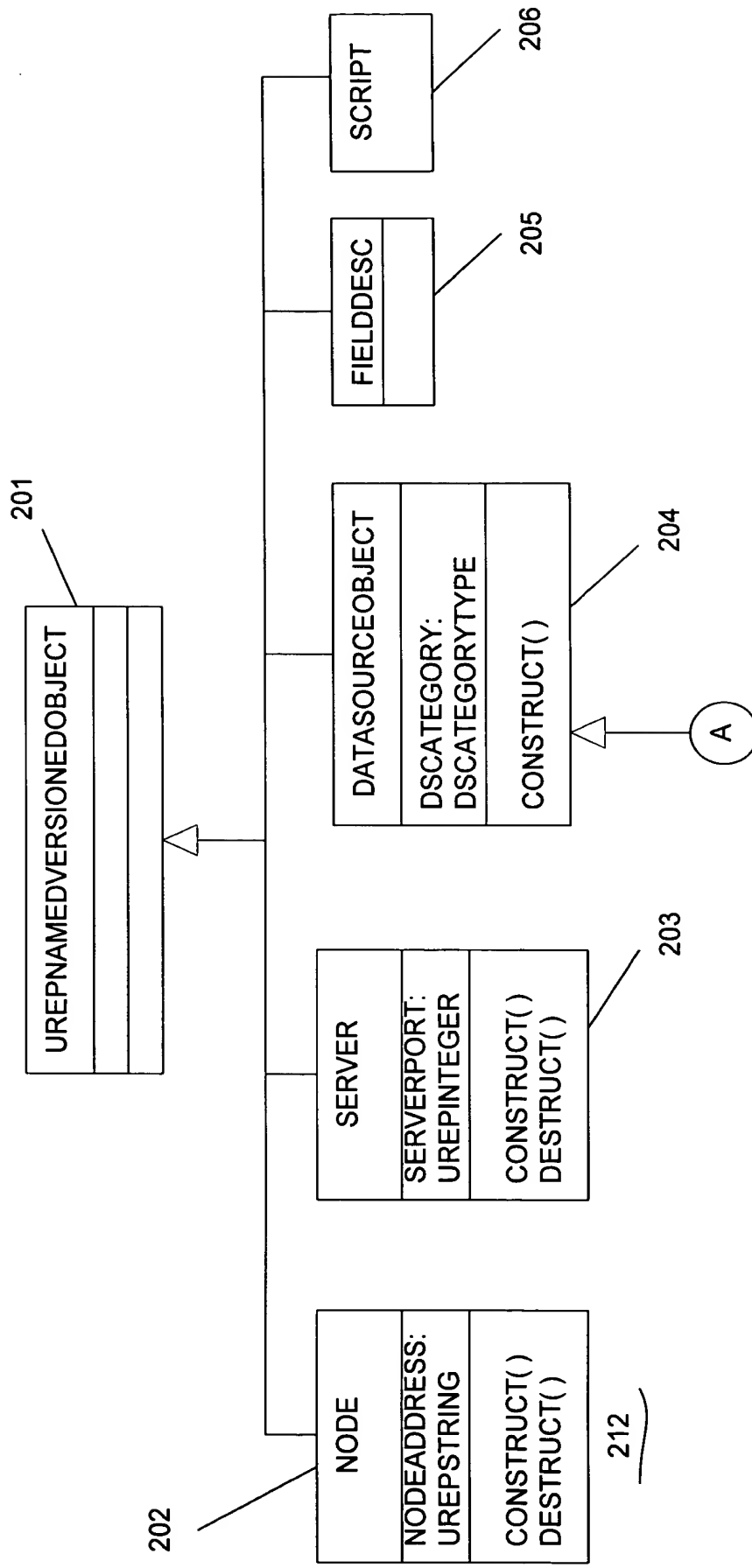


FIG. 5A

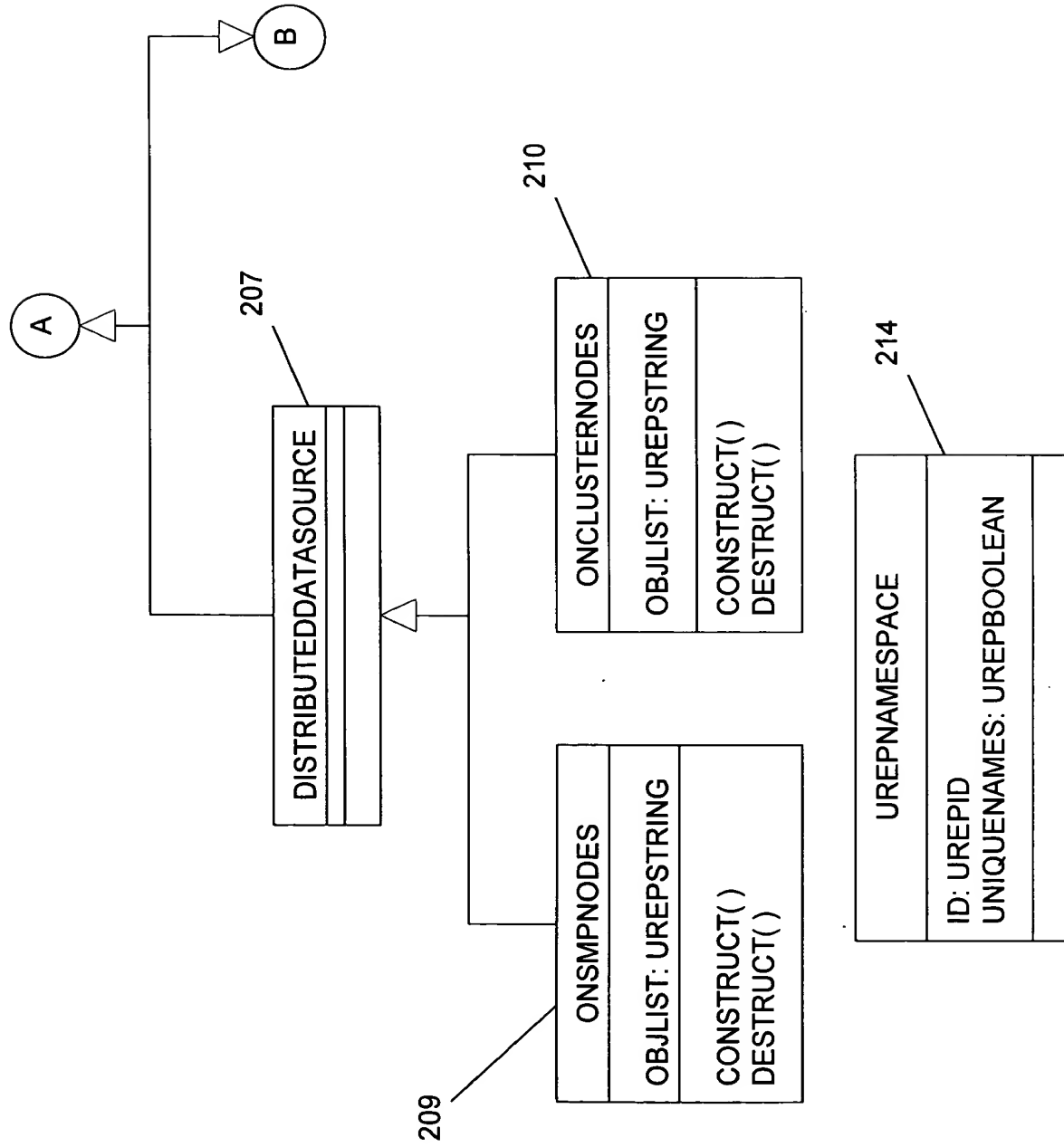


FIG. 5B

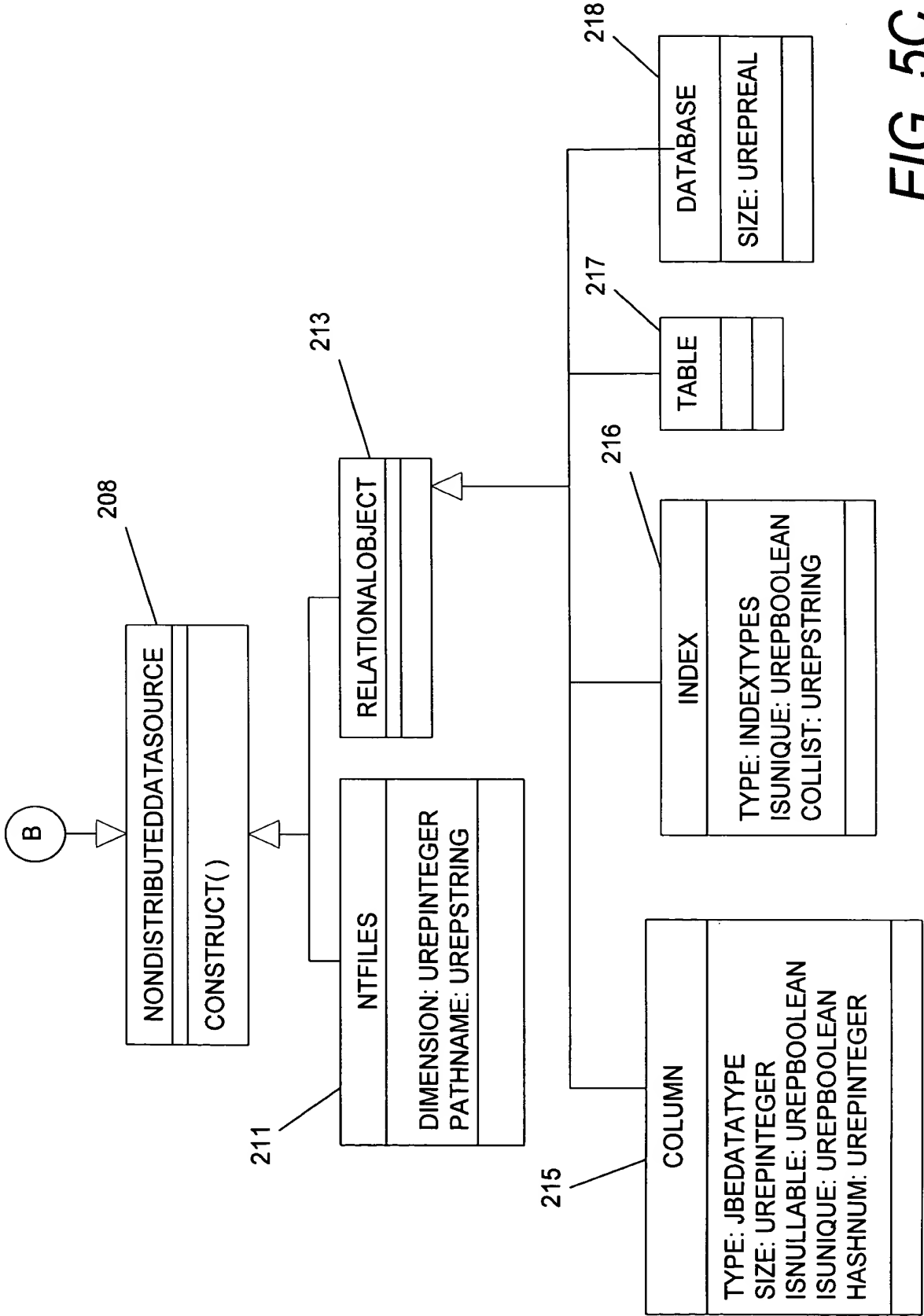


FIG. 5C

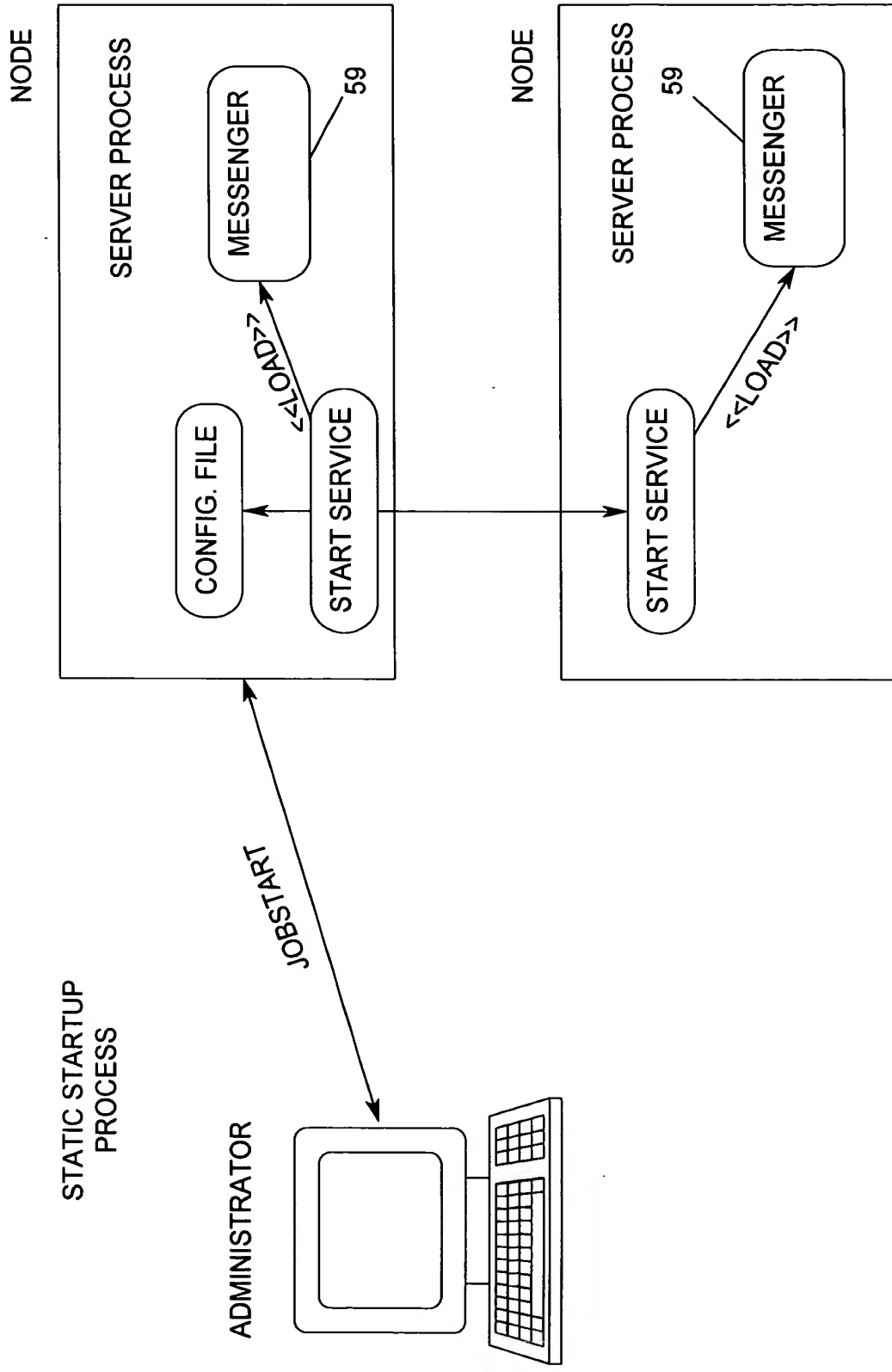


FIG. 6



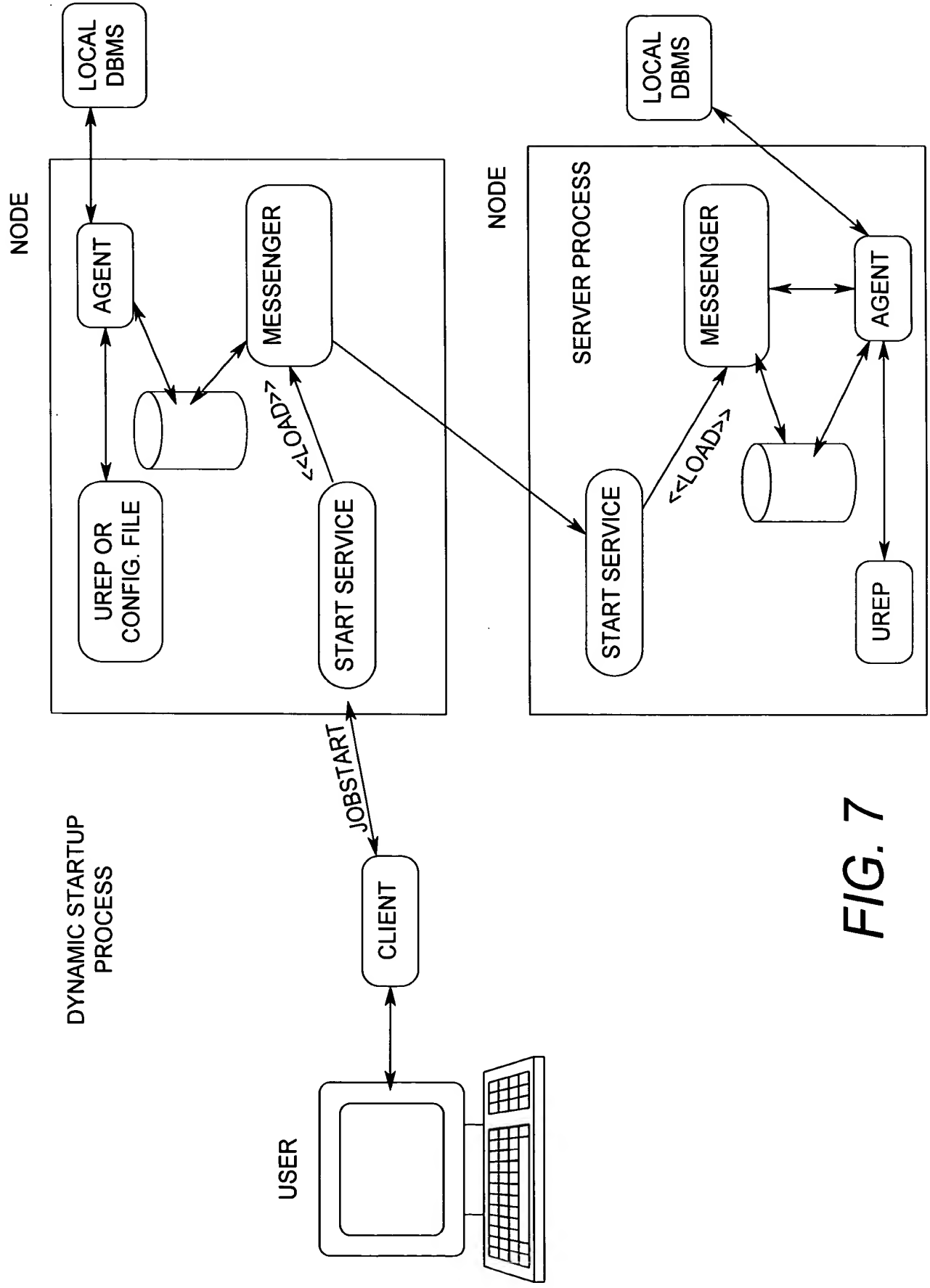
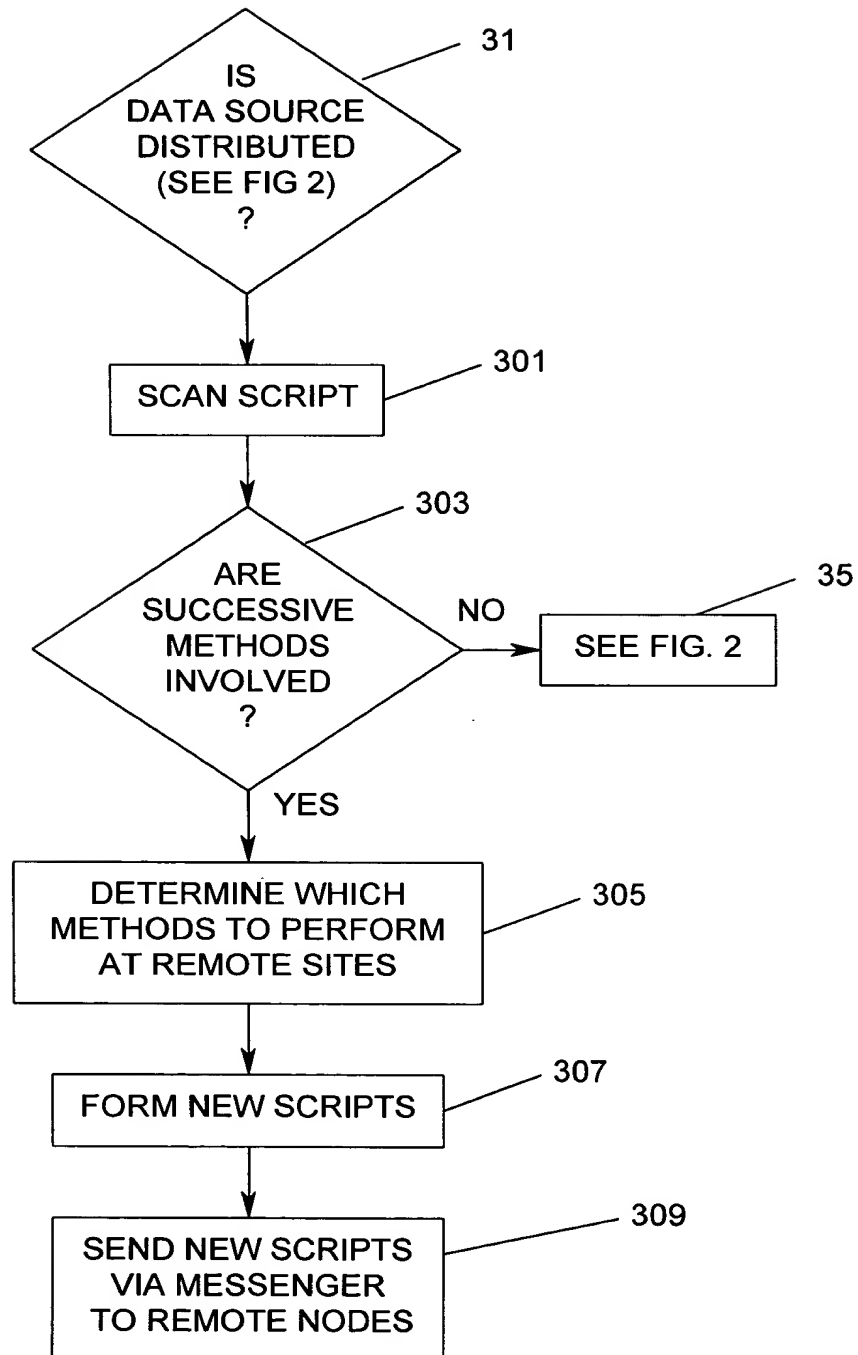


FIG. 7



POPULATION, SEARCH ( ), SORT ( ), MAIL ( )

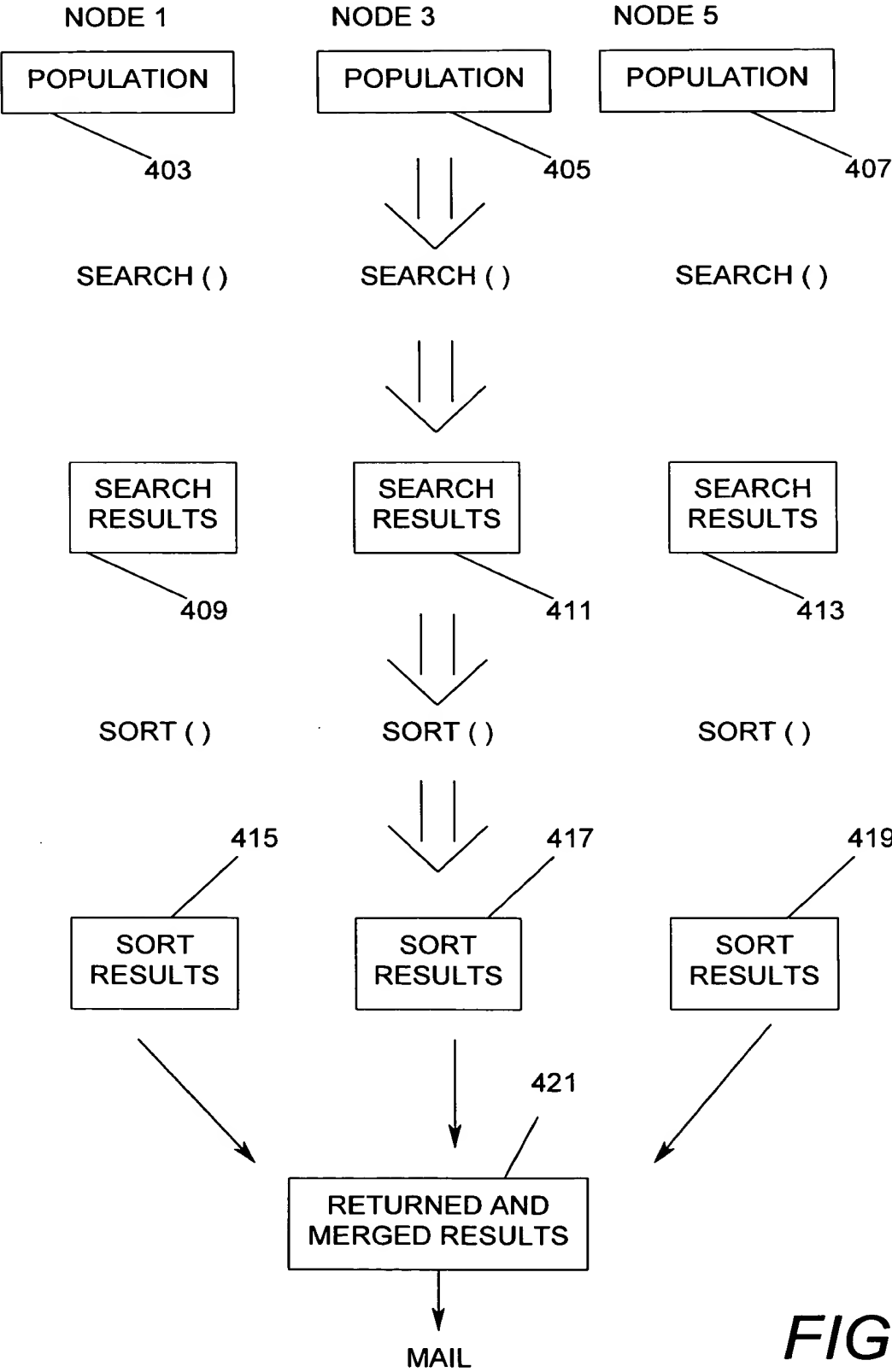


FIG. 9

FIG. 9 of 22

FILE	EDIT	CUSTOMIZE	IMPORT	GENERATE	LAYOUT	HELP
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GUI DATA FLOW COMPUTATION MULTIMEDIA INTERNET DATABASE DEBUG USER						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

```
#IMPORT CLIENT
PRIVATE STRING BUF;
MAIN() {
  CLIENT.NEPTUNE (OBJECTS());
  WHILE (TRUE) {
    CLIENT.STATUS ("SELECT A DATA OBJECT");
    CLIENT.READ(BUF);
    #IMPORT *BUF
    CLIENT.URANUS (*BUF.METHODS());
    CLIENT.PLUTO (*BUF.COLUMNS ());
    // WHILE
  }
  //MAIN
}
```

```
// OUTPUT ALL DATA OBJECT NAMES

// ADVISE USER TO SELECT DATA OBJECT
// READ NAME OF DATA OBJECT
// IMPORT DATA OBJECT INFORMATION
// OUTPUT METHODS OF DATA OBJECT
// OUTPUT COLUMNS OF DATA OBJECT
```

FIG. 10A

-

X

START

CLEAR

DATA OBJECTS

▼

10A	
10B	10C

FIG. 10

METHODS

COLUMNS

FIG.10B

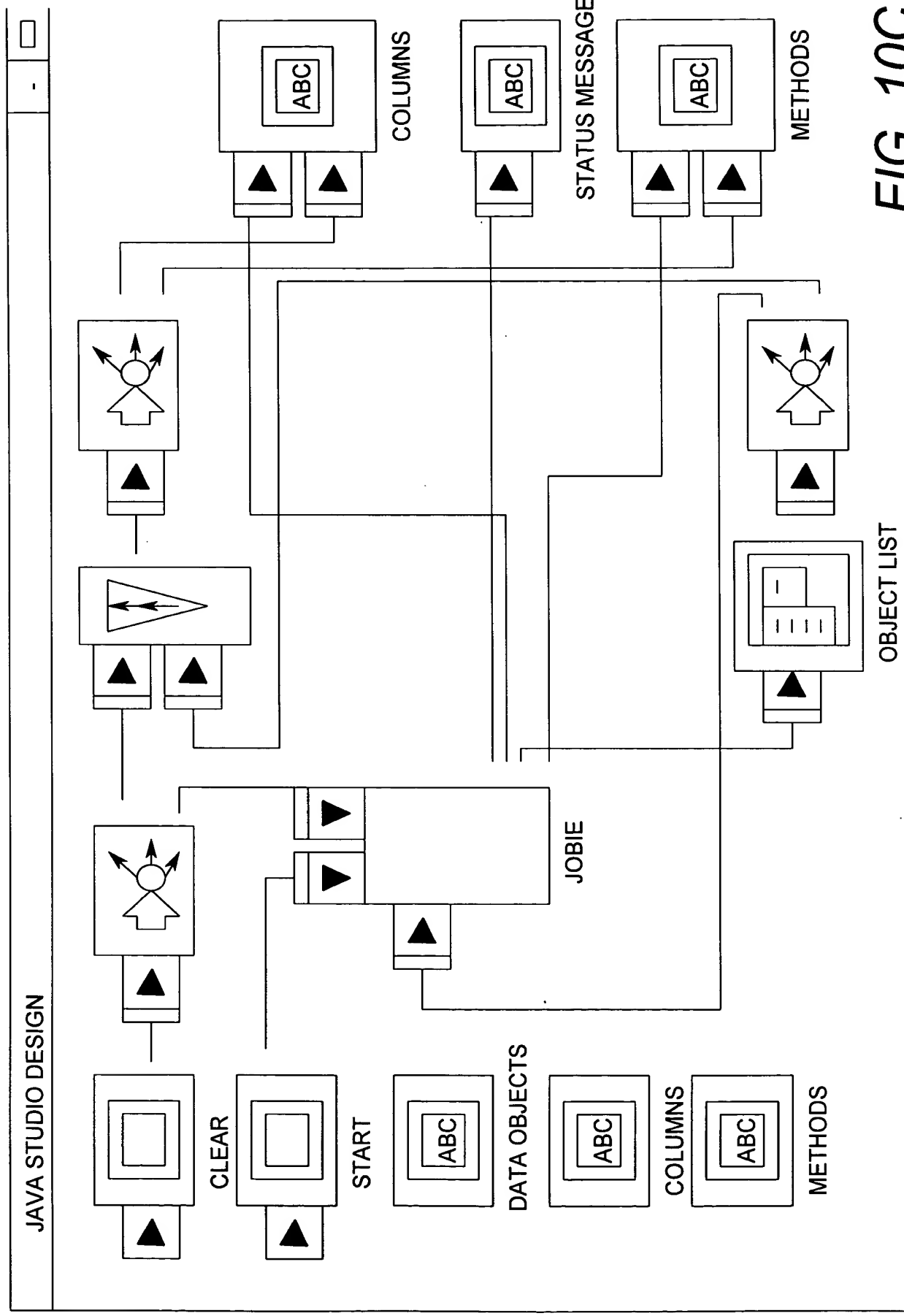


FIG. 10C



-

X

11A		
11B	11C	11D

FIG. 11

ENTER BIRTHDATE

LAST NAME

FIRST NAME

ADDRESS

CITY

STATE

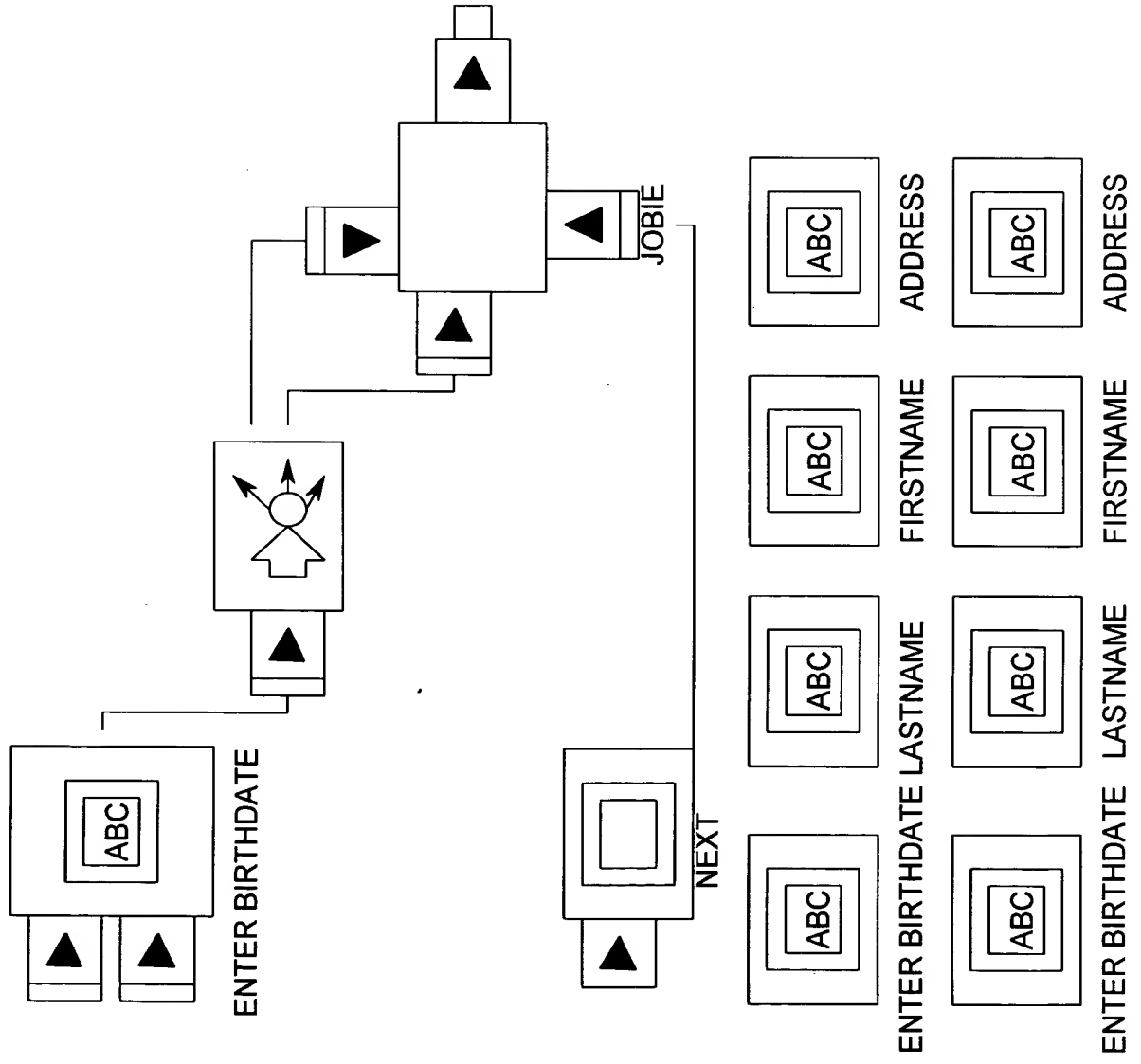
SSN

PHONE

NEXT

FIG. 11B





**FIG. 11C**

**FIG. 11D**